

an editing means for controlling a reproducing operation of said disc recording means to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium,

wherein said editing means controls said reproducing operation of said disc recording means and said recording operation of said digital video tape recording means so that said edited video data may be reproduced from said disc medium and recorded on said tape medium at said second data rate.

11. (Three times amended) A video data recording and reproducing system for editing a source video data, said system comprising:

a digital video tape recording means for digitally recording a source video data onto a tape medium at a first data rate during a source video data recording period and for reproducing recorded video data from said tape medium at said first data rate and at a second data rate which is faster than said first data rate to generate reproduced video data;

a disc recording means for recording said reproduced recorded video data onto a disc medium at said second data rate so that said source video data may be copied from said tape medium to said disc medium during a transfer period which is shorter than said recording period of said source video data;

a digital data transfer circuit for transferring digital video data between each of said digital video tape recording means and said disc recording means at said first and second data rates, said digital data transfer circuit including buffer control means for controlling recording and reproduction of said disc recording means according to remaining capacity of at least one buffering means for buffering the digital video data;

an editing means for controlling a reproducing operation of said disc recording means to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium,

wherein said editing means controls said reproducing operation of said disc recording means and said recording operation of said digital video tape recording means so that said edited video data may be reproduced from said disc medium and recorded on said tape medium at said first data rate.

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16. (Twice amended) A video data recording and reproducing system for editing a source video data, said system comprising:

a digital video tape recorder configured to digitally record a source video data onto a tape medium at a first data rate during a source video data recording period, and configured to reproduce recorded video data from said tape medium at said first data rate and at a second data rate which is faster than said first transfer rate to generate reproduced video data;

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a disc recorder configured to record said reproduced recorded video data onto a disc medium at said second data rate so that said source video data may be copied from said tape medium to said disc medium during a transfer period which is shorter than said recording period of said source video data;

a digital data transfer circuit for transferring digital video data between each of said digital video tape recording means and said disc recording means at said first and second data rates, said digital data transfer circuit including buffer control means for controlling recording and reproduction of said disc recording means according to remaining capacity of at least one buffering means for buffering the digital video data;

an editing designation circuit configured to control a reproducing operation of said disc recorder to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium; and

a control circuit, coupled to said video tape recorder, said control circuit configured to control a recording operation of said video tape recorder to record said edited video data.

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28. (Once amended) The video data recording and reproducing system according to claim 11, wherein said data transfer circuit includes:

an input buffering means, coupled to said video tape recording means and said disc recording means, for buffering said reproduced video data; and

an output buffering means, coupled to said video tape recording means and said disc recording means, for buffering said edited video data;

wherein said buffer control means is coupled to said input buffering means, said output buffering means, and said disc recording means, for controlling recording and reproduction of said disc recording means according to respective remaining capacities of said input and output buffering means, and starts reproduction of said disc recording means where the remaining

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recording capacity of said input buffering means or said output buffering means is less than a predetermined lower limit setting, and stops reproduction of said disc recording means where said remaining recording capacity of said input buffering means or said output buffering means is at least a predetermined upper limit setting.

29. (Once amended) The video data recording and reproducing system according to claim 10, wherein said data transfer means includes:

an input buffering means, coupled to said video tape recording means and said disc recording means, for buffering said reproduced video data; and

an output buffering means, coupled to said video tape recording means and said disc recording means, for buffering said edited video data;

wherein said buffer control means is coupled to said input buffering means, said output buffering means, and said disc recording means, for controlling recording and reproduction of said disc recording means according to respective remaining capacities of said input and output buffering means, and starts reproduction of said disc recording means where the remaining recording capacity of said input buffering means or said output buffering means is less than a predetermined lower limit setting and stops the reproduction of said disc recording means where said remaining recording capacity of said input buffering means or said output buffering means is at least a predetermined upper limit setting.

30. (Once amended) The video data recording and reproducing system according to claim 16, wherein said data transfer circuit includes:

a write buffer circuit, coupled to said video tape recorder and said disc recorder, said write buffer circuit configured to buffer said reproduced video data; and

a read buffer circuit, coupled to said video tape recorder and said disc recorder, said read buffer circuit configured to buffer said edited video data;

wherein said buffer control circuit is coupled to said input buffer circuit, said output buffer circuit, and said disc recorder, and configured to control recording and reproduction of said disc recording means according to respective remaining capacities of said input and output buffer circuits, and starts reproduction of said disc recording means where the remaining recording capacity of said input buffering means or said output buffering means is less than a

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predetermined lower limit setting and stops the reproduction of said disc recording means where said remaining recording capacity of said input buffering means or said output buffering means is at least a predetermined upper limit setting.
